

ADDit™ Additive screen - technical sheet

#	Salts/Ions	#	Volatile Organics/Solvents	#	Non-Volatile Organics/Polymers	
A1	ammonium sulfate	1M	C1 1-propanol	30%(v/v)	D1 1,2,3-heptanetriol	5%(w/v)
A2	barium chloride	0.1M	C2 2-Butanol	30%(v/v)	D2 1,3 butanediol	30%(v/v)
A3	barium iodide	0.1M	C3 2-Propanol	30%(v/v)	D3 1,3 propanediol	30%(v/v)
A4	cadmium chloride dihydrate	0.1M	C4 Acetonitrile	30%(v/v)	D4 1,4 butanediol	30%(v/v)
A5	calcium chloride dihydrate	0.2M	C5 dioxane	30%(v/v)	D5 1,5-diaminopentane di-HCl	30%(w/v)
A6	cesium chloride	1M	C6 DMSO	30%(v/v)	D6 1,6 hexanediol	30%(w/v)
A7	cobalt chloride dihydrate	0.1M	C7 Ethanol	30%(v/v)	D7 1,8-diaminoctane	30%(w/v)
A8	cupric chloride dihydrate	0.1M	C8 Ethyl Acetate	30%(v/v)	D8 2,5 Hexanediol	30%(w/v)
A9	gadolinium bromide	0.1M	C9 Methanol	30%(v/v)	D9 6-aminocaproic acid	30%(w/v)
A10	holmium chloride	0.1M	C10 N,N-Dimethylformamide	30%(v/v)	D10 dextran sulfate sodium salt	30%(w/v)
A11	lanthanum acetate	0.1M	C11 trifluoro acetic acid	0.1%(v/v)	D11 ethylene glycol	30%(v/v)
A12	lithium chloride	1M	C12 trifluoroethanol	30%(v/v)	D12 gamma butyrolactone	30%(w/v)
B1	lithium sulfate	1M			E1 glycerol anhydrous	30%(v/v)
B2	magnesium chloride hexahydrate	0.1M			E2 glycine	1M
B3	manganese (II) chloride tetrahydrate	0.1M			E3 glycyl-glycyl-glycine	0.1M
B4	potassium chloride	1M			E4 jeffamine M-600	25%(v/v)
B5	potassium citrate	1M			E5 MPD	30%(v/v)
B6	samarium bromide, hexahydrate	0.1M			E6 polyethylene glycol 10000	25%(w/v)
B7	samarium chloride	0.1M			E7 polyethylene glycol 2000 MME	25%(w/v)
B8	sodium chloride	2M			E8 polyethylene glycol 400	25%(v/v)
B9	sodium fluoride	0.5M			E9 polyethylene glycol 4000	25%(w/v)
B10	sodium malonate	1M			E10 polyethylene imine	25%(v/v)
B11	yttrium chloride hexahydrate	0.1M			E11 polypropylene glycol P400	25%(v/v)
B12	yttrium nitrate	0.1M			E12 polyvinylpyrrolidone K15	5%(w/v)

Detergents		Others (Chelators, Reducing Agents, Linkers, Chaotropes, etc.)									
F1	n-Dodecyl-b-D-maltoside	0.5%(w/v)	G1 NAD	0.1M	H1 Phenol						1%(v/v)
F2	LDAO	0.5%(w/v)	G2 ATP disodium salt	0.1M	H2 benzamidine HCl						20%(w/v)
F3	Triton X-100	0.5%(v/v)	G3 DTT	0.1M	H3 PIPES						0.3M
F4	CTAB	1%(w/v)	G4 L-cysteine	0.1M	H4 EPPS						0.3M
F5	Lauryl Sulfobetaine (Zwittergent 3-12)	0.5%(w/v)	G5 BME	0.1M	H5 D(+)-glucose monohydrate						30%(w/v)
F6	b-Octylb-D-glucopyranoside	5%(w/v)	G6 EDTA	0.1M	H6 D(+)-sucrose						30%(w/v)
F7	CHAPS	5%(w/v)	G7 spermine	0.1M	H7 xylitol						30%(w/v)
F8	Polysorbate 80 (Tween 80)	1%(v/v)	G8 spermine tetra-HCl	0.1M	H8 imidazole						1M
F9	Brij 56 (Polyoxyethylene 10 cetyl ether)	1%(w/v)	G9 hexaminecobalt trichloride	0.1M	H9 arginine						0.25M
F10	Zwittergent 3-10	0.5%(w/v)	G10 trimethylamine HCl	0.1M	H10 taurine						0.1M
F11	ASB-14 (Amidosulfobetaine-14)	2%(w/v)	G11 guanidine HCl	1M	H11 betaine monohydrate						0.1M
F12	Octylb-D-1-thioglucopyranoside	5%(w/v)	G12 urea	0.1M	H12 non-detergent sulfo-betaine 201						2%(w/v)

All formulations are made with ultrapure ASTM Type I water and sterile-filtered stock solutions. Store at 4-25 °C.

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